ISSUE SLIP STAPLE ARE: (19 addition bioss.references

| POSITION            | INITIALS | ID NO. | DATE    |  |  |
|---------------------|----------|--------|---------|--|--|
| FEE DETERMINATION   |          |        |         |  |  |
| O.I.P.E. CLASSIFIER | 301      |        | 3-10-98 |  |  |
| FORMALITY REVIEW    | MA       | 7375   | 4/22/98 |  |  |

INDEX OF CLAIMS

| , | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
|   | Allowed                    | 1 | Interference |
|   | (Through numeral) Canceled | Α | Appeal       |
| _ | Restricted                 | 0 | Objected     |

| Cla        | im  | Ĺ                                      |  |              |          |               | Date   | 9              |  |  |          | $\neg$               |
|------------|---|--|--|--------------|----------|---------------|--|----------------|--|--|----------|----------------------|
| П          |   | 05                                     | 10   | ŧ            | .        | 밀             | 12   | 31             |  |  |          | $\neg$               |
| ᆲ          | Original                                    | 5/2/5                                  | 3  | ל            | 1        |               | 2/8/5  | 200            |  | l  | - 1      | - 1                  |
| Final      | ਨੁੱ   | 99                                     | 12/3   | ير           |          | á             | o  | Q.             | ı  |  |          |                      |
| ₹          | Ť   |  | 3/   | - 6          | 7        | 1             | J  | $\forall$      | $\dashv$   | _  | ┪        | ┪                    |
| H          | 1   | -                                      | <u>v</u>   | 7            | 7        | -11           | ٦  | ┪              | -  | $\dashv$                                     | -        | $\dashv$             |
| ┝─┤        | 1   | Н                                      | +  | Н            | +        | ╫             | ╫  | ₩              | ┥  | -  |          | $\dashv$             |
|            | 4   | Н                                      | 4  | Ų            | 4        | ₩             | -#   | ╢              | _  | -  | -        | -                    |
| Q          | 14  | 21                                     | Н-   | Ц            | 4        | -#            | ╢  | ₩              |  |  | -+       | -                    |
| $\sqcup$   | 19  | Ш                                      | Н  | Ц            | 4        | 44            | -#   | -#             |  | $\dashv$                                     | _        | 4                    |
| Щ          | q   | Ц                                      | Щ  | Ц            | Ц        | -11           | -41  | Щ              | _  | _  | _        | _                    |
| Ш          | η   | Ц                                      | Ц  | L            | Ц        | 41            | 41   | -41            | _  | _  | _        | _                    |
| 4          | 1   | 21                                     | Ш  |              | Ц        | Ц             | Ц  | -41            | _  | _  |          | _                    |
|            | 1   | Ц                                      | Щ  | L            | Ц        | 44            | Ц  | Щ              | _  | _  | _        | _                    |
|            | 10  | Ш                                      | Ш  | L            | Ц        | Ш             | П  | Щ              |  |  |          | _                    |
| Ш          |   | Ш                                      | Ш  | L            | Ц        | II            | Ш  | Ш              |  |  |          | _                    |
|            | 12  | Ш                                      |  | Ц            |          | П             | $\Box$                                       | Ш              | ]  |  |          |                      |
|            | 18  | $\coprod$                              | П  |              | _        | $\prod$       | $\prod$                                      | $\prod$        |  |  |          | $\Box$               |
|            | 11 11 11                                    | IJ                                     |  | ٦            | 7        | П             | П  | T              |  |  |          | `                    |
| d          |   | D                                      | П  | ı            | 1        | П             | П  | П              |  |  |          | $\neg$               |
| П          | 10  | П                                      | П  | П            | ┪        | T             | П  | П              |  | $\neg \neg$                                  | $\neg$   | $\overline{\cdot}$   |
| Н          | 11  | H                                      | $\vdash$   | H            | 7        | 11            | Н  | Н              |  |  | _        | $\dashv$             |
|            | 1   | H                                      | Н  | H            | ┪        | 11            | Н  | 1              |  | _  | $\dashv$ | $\dashv$             |
| H          | 1 1 2 2 2 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 11                                     | ++   | Н            | +        | ₩             | H  | Н              |  | П  |          | ┪                    |
|            | ま   | 6                                      | ╁  | ۲            | Н        | ╫             | ۲  | Н              | _  | -  |          |                      |
| 1          | #   | 11                                     | ₩  | L            | Н        | Н             | 4  | Щ              |  | -  | -        | -                    |
| Ľ          | 21  | 11                                     | ₩  | H            | Н        | Н             | 4  |                | Щ  |  | $\dashv$ |                      |
| È          | 28  | L,                                     | Щ,   | Ц            | Ц        | Ц             | <u>.                                    </u> |                |  |  | _        | ᆜ                    |
| -          | 2   | ≚                                      | $\vee$   | Ε            | =        | M             | \  | /              |  |  |          |                      |
| <u>[</u> ] | 24  | <u> </u>                               | <u>_</u>   | 1            | ⊿        | V             | V  | V              |  | Ţ,   |          | _                    |
| Į,         | <b>*</b>                                    | <b>)</b> -                             | <u>l</u>   | 1            | Ц        | $\vee$        | V  | 1              |  |  |          |                      |
| $\nabla$   | 20  | 1_                                     | L  |              | П        |               | \  |                |  |  |          | $\Box$               |
| П          | 2   |  |  | Γ            | П        |               |  | /              |  |  |          |                      |
| 1          | 2   | <u> </u>                               | Г  | Γ            | П        |               | eg   | abla           |  |  | П        |                      |
| H          | 2   | T                                      |  |              | П        | $\overline{}$ | /  |                |  |  |          |                      |
| H          | á   | 1                                      | <u> </u>   | ۲            | ۲        | V             | 7  | $\angle$       |  | -  | П        |                      |
|            | Ŷ.  | 1                                      | T  | t            | ٢        | Ť             | 7  | 7              | Т  | Г  | _        | _                    |
| H          | 32  | 5                                      | <del>                                     </del> | t            | ۲        | V             | v  | Ì              | $\vdash$   |  | Н        | $\dashv$             |
| <u> </u>   | 33  | 1                                      | $\vdash$   | t            | t        | V             | ř  | -              | <del>                                     </del> | $\vdash$                                     | Н        | $\dashv$             |
| -          | 34  | b                                      | $\vdash$   | ۲            | t        | ₹             | 뚮  | 5              | 1  | $\vdash$                                     | Н        | $\vdash$             |
| K          | 7   | 1                                      | $\vdash$   | t            | ۲        | Ť             | ť  | ۲              | <del> </del>                                     | $\vdash$                                     | $\vdash$ | $\dashv$             |
| 1          | 岩   | 1                                      | +-   | ╁            | +        | 1             | ř  | 1              | <del>  -</del>                                   | $\vdash$                                     | $\vdash$ | $\vdash$             |
| H          | S   | +                                      | +  | ╁            | +        | ᢣ             | <b>\</b>                                     | <del>\</del>   | -  | $\vdash$                                     | $\vdash$ | $\vdash\vdash$       |
| H          |   | ₽.                                     | +-   | ╀            | H        | $\vdash$      | $\vdash$                                     | ₩              | -  | <del> </del>                                 | $\vdash$ | $\vdash \vdash$      |
| 1          | 30  | *                                      | ╀  | +            | $\vdash$ | />            | <del>  \</del>                               | $\leftarrow$   | $\vdash$   |  | H        | $\vdash\vdash\vdash$ |
| 1          |   | <u></u>                                | ╁  | H            | $\vdash$ | ->            | />   | 1              | <del> </del>                                     | <u> </u>                                     | H        | Н                    |
| 11         | 19  | _                                      | $\perp$  | Ц            | L        | Ľ,            | $\Delta$                                     | 7              | $\vdash$   | <u> </u>                                     | _        | Ш                    |
| Ш          | 7   | <b>P</b>                               | L  | Ш            |          | $\vee$        |  | $\Delta$       |  | <u> </u>                                     | L        |                      |
|            | 63  | 1                                      |  | $\prod$      |          | V             |  | $\overline{N}$ | L  |  | L        |                      |
|            | 83<br>32                                    | 1                                      |  | $\llbracket$ | _        | V             |  | Z              |  |  |          |                      |
| П          | X   |  | Τ  | T            |          | N             |  | $\setminus$    |  |  |          |                      |
| K          | 40  |  | Т  | 11           |          | J             | $\overline{\zeta}$                           | K              |  | $\Box$                                       |          | П                    |
| Γ,         | 4   | 1                                      | †  | ۲            | _        | Ĭ₹            | V  | 1              | T  |  |          | М                    |
| -          | 47  |  | +-   | t            | 7        | V             | ত  | Ĺ              | 1  | $\vdash$                                     | 1        | $\vdash \vdash$      |
| ~          | 48  |  | <del> </del>                                     | ۲            | <u>~</u> | ۲             | ř  | 2              | 1  | $\vdash$                                     | 1        | $\vdash$             |
| -          | 49  |  | ╁  | +            | _        | $\vdash$      | $\vdash$                                     | <del> </del>   | ┼  | ╁  | ┼─       | Н                    |
| $\vdash$   | 50  |  | +  | ł            |          | -             | $\vdash$                                     | $\vdash$       | $\vdash$   | ├-   | ┼        | ⊢⊢                   |
| _          | Jou   | ــــــــــــــــــــــــــــــــــــــ | 1_   | L            | _        | ↓             | 1  |                | 1  | <u>.                                    </u> | ـــ      | ш.                   |

| Cla      | im       |              |              |              |              | Date     |              |  |          |  |              |  |  |  |
|----------|----------|--------------|--------------|--------------|--------------|----------|--------------|--|----------|--|--------------|--|--|--|
| Final    | Original |              |              |              |              |          |              |  |          |  |              |  |  |  |
|          | 51       | +            | _            | _            | -            | $\vdash$ | -            | i i  |          | - 1  | -            |  |  |  |
|          | 52       | $\dashv$     |              | -            | H            |          | H            | -  | _        | $\dashv$   | $\dashv$     |  |  |  |
|          | 53       | -+           |              | _            | _            |          | -            | $\vdash$   | _        | $\vdash$   | ᅱ            |  |  |  |
|          | 54       | +            | _            | _            | _            | -        | -            |  | $\vdash$ | $\vdash$   | $\dashv$     |  |  |  |
|          | 55       | $\dashv$     | _            |              | _            | H        | ┪            | -  |          |  | $\dashv$     |  |  |  |
|          | 56       | 7            |              |              |              | $\vdash$ | Т            |  |          |  |              |  |  |  |
|          | 57       | 7            | _            |              | _            | _        |              |  |          |  |              |  |  |  |
|          | 58       | 寸            | _            |              |              |          |              |  |          |  |              |  |  |  |
|          | 59       |              |              |              |              |          |              |  |          |  | -            |  |  |  |
|          | 60       |              |              |              |              |          |              |  |          |  |              |  |  |  |
|          | 61       |              |              |              |              |          |              |  |          | Ш  |              |  |  |  |
|          | 62       | $\Box$       | _            |              |              |          | _            | <u>_</u>   | _        | Ц  |              |  |  |  |
|          | 63       | _            |              | _            |              | _        | _            | _  | L        | Ц  |              |  |  |  |
|          | 64       | _            |              | _            | <u> </u>     | <u> </u> | ├_           | <u> </u>   | _        | Ш  |              |  |  |  |
|          | 65       |              |              | _            | ļ            | <u> </u> | ļ            | _  | ļ        | $\vdash$   | _            |  |  |  |
|          | 66       |              |              | _            |              | ┡        | ├            | _  | <u> </u> | Н  |              |  |  |  |
| $\vdash$ | 67       |              |              | _            | ⊢            | ⊢        | ⊢            | <u> </u>   | ļ        | Ш  | _            |  |  |  |
| _        | 68       |              |              | L            | -            | ⊢        | ⊢            | -  | <u> </u> | Н  | $\vdash$     |  |  |  |
| _        | 69       | -            |              | -            | <del> </del> | ├-       | ├-           | -  | -        | $\vdash$   |              |  |  |  |
| _        | 70       | -            | _            |              | ├-           | _        | ₩            |  | _        | 1_   |              |  |  |  |
| _        | 71       | -            |              | <del> </del> | ⊢            | ├        | -            | $\vdash$   |          | -  | <u> </u>     |  |  |  |
|          | 72<br>73 |              |              | L            | ⊢            | -        | ╄            | ⊢  | -        | $\vdash$   | -            |  |  |  |
|          | 74       | -            | <del>,</del> | $\vdash$     | $\vdash$     | ├        | ╀            | ├  | ├        | -  |              |  |  |  |
| _        | 75       | $\dashv$     |              |              | ┢            | <b>├</b> | ļ            | ⊢  |          | H  | <del> </del> |  |  |  |
|          | 76       |              |              |              | -            | ┝        | +-           | ╁  | -        | ├─   | ⊢            |  |  |  |
|          | 77       | $\vdash$     |              | -            |              | $\vdash$ | $\vdash$     | ╁  | ├-       | ╁  | -            |  |  |  |
|          | 78       | 一            |              | ⊢            | ╁            | ╁╴       | $\vdash$     | -  | ┢        | <del>                                     </del> | -            |  |  |  |
| $\vdash$ | 79       | _            |              | ╁            | ╁╌           | ╁╴       | +            | 1  | -        | ┢  | t            |  |  |  |
| ⊢        | 70       | -            | _            | -            | ╁            |          | 1            | <del>                                     </del> | ╁        | 1  | 1            |  |  |  |
| ┢        | 81       | Н            |              | T            | 1            | H        | <b>†</b>     | T  | ┢        | 1  | <u> </u>     |  |  |  |
| Т        | 82       |              |              | T            | 1            | T        | $\top$       | 1  | 1        | 1  | Т            |  |  |  |
|          | 83       |              |              |              | Τ            |          | T            | T  | Г        | Г  |              |  |  |  |
| Γ        | 84       |              |              | Ĭ.,          |              |          | Т            |  |          |  | Π            |  |  |  |
|          | 85       |              |              |              |              |          |              |  |          |  |              |  |  |  |
|          | 86       |              |              | L.           |              |          |              |  | L        |  |              |  |  |  |
| L        | 87       |              |              | L            | <u> </u>     | L        | <u> </u>     |  | <u> </u> | _  | L            |  |  |  |
| L        | 88       | L.,          |              | _            | ↓_           | ـ        | ┸            | ļ  | ╄        | ļ  | ┡            |  |  |  |
| L        | 89       |              |              | ↓_           | ↓_           | ↓_       | 1            | ╄  | 1        | ↓_   | _            |  |  |  |
| L        | 90       | _            | L.           | ┖            | ╀            | <u> </u> | 1            | <u> </u>   | ↓_       | ↓  | <u> </u>     |  |  |  |
| L        | 91       |              | L            | L            | ┺            | L        | 丄            | 1  | ⇂        | _  | <u> </u>     |  |  |  |
| L        | 92       | L            | L            | 1            | L            | L        | 1            | 4_   | 1        | $\perp$  | $\perp$      |  |  |  |
| L        | 93       | _            | <u> </u>     | <u> </u>     | L            | _        | 1            | ↓_   | 1        | ↓_   | 1            |  |  |  |
| L        | 94       | <u> </u>     | L            | $\downarrow$ | _            | ļ.,      | L            | $\perp$  | 1        | ↓_   | ┞-           |  |  |  |
| $\vdash$ | 95       | <u> </u>     | <u> </u>     | 1            | ـ            | Ł        | +            | $\perp$  | ـ        | _  | 1            |  |  |  |
| <u>_</u> | 96       | <u> </u>     | _            | $\perp$      | $\perp$      | 1        | +-           | +  | $\perp$  | +  | ┞            |  |  |  |
| <u> </u> | 97       | <u> </u>     | _            | $\perp$      | $\bot$       | 1        | $\downarrow$ | +  | -        | ╀-   | ₋            |  |  |  |
| $\vdash$ | 98       | <del> </del> | <u> </u>     | +            | +            | +        | +            | +-   | $\vdash$ | +  | ╀            |  |  |  |
| 1        | 99       | 1            | L            | 1.           | 丄            | 1        | $\perp$      | 丄  | 1        | ┸  | _            |  |  |  |

| Cla      | ıim      |    |          |        |          | Dat      | е        |      |                |       |           |
|----------|----------|----|----------|--------|----------|----------|----------|------|----------------|-------|-----------|
| Final    | Original |    |          |        |          |          |          |      |                |       |           |
|          | 110      |    |          |        |          |          |          |      |                |       |           |
|          | 112      |    |          |        |          |          |          |      |                |       |           |
|          | 113      |    |          |        |          |          |          |      |                |       |           |
|          | 114      |    |          |        |          | 1        |          |      |                |       | 1         |
|          | 115      |    |          |        |          | 47       |          |      |                | uis M | 3         |
|          | 116      |    |          | 1      |          | -        | 1        |      |                | 1.2   |           |
|          | 117      |    |          |        | _        |          | *        |      |                |       | 1         |
| _        | 118      |    |          |        | L        |          | 3        | A.J. |                | 1     | 1         |
| _        | 119      |    |          |        | _        |          |          | 3.1  |                | 1     | <b>\$</b> |
|          | 110      |    |          |        | L        | 1        |          |      |                |       | Sec.      |
|          | 111      |    | <i>.</i> |        | <u> </u> |          | 7        |      | 1              | Ġ, j  | *         |
|          | 112      | Ш  |          |        | L        |          | 74.4     | •    | 13             |       | 1         |
|          | 113      | Ш  |          | _      | L_       |          |          | -    | 1              |       |           |
|          | 114      |    |          | L      | _        | 1        |          | (,1  | 1              |       |           |
|          | 115      |    |          | L      | L        | <u> </u> |          | 3    | , A            | Ň     | 20        |
|          | 116      |    |          | L      |          | _        |          | 112  | . 4            | *     | 71        |
|          | 117      |    |          |        |          |          |          | > %  |                | 7.0   | 43        |
|          | 118      |    |          | Ĺ      | _        | L        |          | 44   | ***            |       | -5        |
|          | 119      |    |          |        |          |          |          | ×.   |                |       | 23        |
|          | 120      |    |          |        |          |          |          | Υ,,  | 30             |       |           |
|          | 121      | П  |          |        |          |          |          | O,   | 4 4 7<br>4 5 4 | 1.0   | 12.7      |
|          | 122      |    |          |        | T        | Π        | Г        | *    | - 1            |       |           |
|          | 123      |    |          |        | Г        |          |          |      | 139            | 0     |           |
|          | 124      | Π  |          |        | Г        | Т        |          |      |                |       | 1.3       |
|          | 125      |    |          | Г      |          |          |          | l    | 100            | 13.5  |           |
|          | 126      |    |          | T      | Г        | T        |          |      |                | 20    |           |
|          | 127      | -  | Т        | Г      | ✝        | Т        |          |      | *              |       |           |
|          | 128      | -  | _        | -      | $\vdash$ |          |          |      | - 1            | 減     |           |
| _        | 129      | T  | Т        | T      | 1        | T        | 7        | 5    |                |       |           |
|          | 130      | 1  | T        |        | 1        | T        |          |      |                | . 1   |           |
|          | 131      |    | Т        | T      | †        | t        |          | . 2  |                |       |           |
|          | 132      | -  |          | T      | 1        | 1        | Т        |      | 1              | 83    |           |
|          | 133      |    | ┢        | ⇈      | T        | 1        | 1        | 133  | 7.4            |       | 1         |
| _        | 134      |    |          | T      | t        | 1        |          |      | - 2            | A     |           |
| _        | 135      |    | T        | t      | ╁        | 1        |          | 73   | \$ A           | 121   | 7         |
|          | 136      | *  |          | T      | Т        |          |          | 3.2  |                |       |           |
|          | 137      | 1  | 1        | 1      | Τ        | T        |          | 0.5  | C.             |       | 1.3       |
|          | 138      | 3  | Т        | 1      |          | 1        |          |      | 7.5            | 14.   |           |
|          | 139      | -  |          | T      | T        |          | Т        | 1    |                |       | 3.0       |
| _        | 140      | _  | 1        |        | 1        | T        | T        | 1    | 1              | 18    | 19        |
| _        | 14       | +  | 十        | $t^-$  | †        | +-       | t:       |      | 1              |       | - TO      |
| _        | 14       |    | +-       | +      | ╁        | ╁╌       | ╁╌       |      | 37.27          |       |           |
|          | 14       | -  | +        | $^{+}$ | +        | +        | $t^{-}$  | 100  | 十              | 2.0   | 100       |
| Η-       | 14       | +- | $\vdash$ | +-     | +        | +        | $\vdash$ |      |                | 1     |           |
| -        | 145      |    | +        | +      | +        | +        | +        | ╁╌   | +              | H     | 1 1       |
| -        | 146      | +  | $\vdash$ | ╁      | +-       | +-       | +-       | +    | +              | -     |           |
| -        | 140      | _  | +        | +      | +        | +        | +        | +    | $\vdash$       | 10    |           |
| -        | 141      |    | +        | +      | +-       | +        | ╁        | +    | 1              | 14    | 15.5      |
| $\vdash$ | 14       |    | +        | ╁      | ╁        | +        | ╁╌       | +-   | +              | H     |           |
| -        | 15       |    | +        | ╁╌     | +        | +-       | +        | +    | +              | +     | ╁         |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)